

Mohamed Niyaz A

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🔗 Portfolio

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📱 Medium

SUMMARY

CS Engineering student proficient in Python, Java, Javascript, PostgreSQL, MySQL, AWS, Unity. Built web & AR applications with AI integration. Strong leadership, communication, and problem-solving skills. Seeking innovative opportunities.

Professional Experience

07/2025 – 09/2025
Chennai, India.

Intern

Ifelse Technologies 📄

During my internship, I was a key contributor to a full-stack Student Wallet Management System. I worked on both sides of the application, helping to develop the backend **RESTful API** using **Node.js**, **Express**, and **PostgreSQL**. On the frontend, I was responsible for building out components and interfaces for the two **React** applications—one for administrators and another for parents. Few major focus of my work was implementing secure user authentication with **JWT**, implementing face verification feature using **Deepface** and **NFC** feature for transactions.

EDUCATION

2022 – 2026
Chennai, Tamil Nadu.

Bachelor of Engineering in Computer Science and Engineering

Aalim Muhamed Salegh College of Engineering
CGPA: 7.7

2018 – 2020
Chennai, Tamilnadu.

HSC

Madras Christian College Higher Secondary School
Percentage: 71%

PROJECTS

07/2025 – 09/2025

STUDENT WALLET SYSTEM

Ifelse Technologies

Developed a PERN stack (PostgreSQL, Express JS, React JS, Node JS) Application system with multi-tenant schema(schema per tenant) DB architecture with Deepface integration (Python as a Microservice) to verify face. My major role was developing Backend for this project and I have implemented JWT for authentication.

10/2024 – 10/2024

SPACE DIVE 📄

NASA Hackathon

Created a interactive 3D environment JavaScript/HTML/CSS to know the real-time position of asteroids in our solar system.

04/2022 – 09/2022

THOZHILALI 📄

Aalim Muhammed Salegh College of Engineering









Thozhilali, a startup by me and my friends . I shared a developer role in this project. Thozhilali focus on providing solution to technicians online.

05/2025 – 05/2025	AI STORY GENERATOR <i>Aalim Muhammed Salegh College of Engineering</i> Developed an interactive storytelling application in Unity that gets a topic as input, generates engaging short stories using OpenAI's API, and displays them in a scrollable chat-style interface Integrated Amazon Polly to narrate the stories using realistic text-to-speech synthesis.
04/2025 – 04/2025	AR SUPERHERO CARDS <i>Aalim Muhammed Salegh College of Engineering</i> Designed an interactive All experience that brings superhero cards to life. Used Vuforia image tracking to detect physical cards and display animated 3D heroes.


SKILLS

Programming & Frameworks • Java • Python • JavaScript: Node.js/Express.js, React	● ● ● ● ●	Database Management • PostgreSQL • MongoDB • Firebase	● ● ● ● ●
Web Development & APIs • REST APIs • Tailwind CSS	● ● ● ● ●	Soft Skills • Leadership • Problem-solving • Communication • Team collaboration	● ● ● ● ●
Cloud & DevOps • Cloud Platforms: Zoho Catalyst, AWS (Basics) • Version Control: Git, GitHub	● ● ● ● ●	Artificial Intelligence • LLM (Large Language Models) & MML (Multimodal Machine Learning) • Context Engineering • Hugging Face Transformers	● ● ● ● ●
AR Development • Unity Development: Vuforia, Prefabs, AR	● ● ● ● ●		

CERTIFICATIONS

Galactic Problem Solver  NASA SpaceApps, 2024	Journey to Cloud: Envisioning Your Solution  IBM SkillsBuild, 2024
AWS Knowledge: Cloud Essentials  Amazon Web Services Training and Certification, 2024	AWS Academy Graduate - AWS Academy Cloud Foundations  Amazon Web Services Training and Certification, 2024
Build Real World AI Applications with Gemini and Imagen Skill Badge  Google Cloud, 2025	Explore Generative AI with the Vertex AI Gemini API Skill Badge  Google Cloud, 2025
Prompt Design in Vertex AI Skill Badge  Google Cloud, 2025	Agentic AI Day CERTIFICATE OF PARTICIPATION  Google Cloud, Hack2skill, 2025

AWARDS & HONORS

01/12/2023	Entrepreneuership Conclave 2024 Startup Award  <i>Aalim Muhammed Salegh College of Engineering</i> Provided for outstanding achievernerit and recognition of our student startup: in appreciation of innovative ideas and entrepreneurial spirit.
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